

# CHESTER RADIO SOCIETY

**Newsletter. Number 5-Jul /Aug 83**



Radio DF hunt winners, G4MIH & yl Julie with G6IXM, who found the "fox" in only 38 minutes. Collecting their prizes of two CDRS scarves. More details inside with a full story of the event by G3TPY.

## EDITORIAL.

Once again with a groaning in-tray (and a groaning XYL) I embark upon a course to chronicle the events of the last month or so.

I think most of us will agree that the DF hunt, come treasure hunt was a great success, more of that else where in the newsletter. One small point however should not go unmentioned and that is the gross unfairness of moving the transmitter from UTKINTON to KINNERTON in the last ten minutes! ! Well done to the two Chris's and to Alan for the treasure hunt.

The arrangements for VHF NFD were not so well oiled, though some of the operators were, I believe. Never the less with glorious weather through out the weekend all those who took part enjoyed themselves, and quite a respectable score was ammassed on 2Mtrs with quite a few on 70cms, for more details see News Review inside.

Please note that HF bands SSB field day is on the weekend of 3/4th September this year, for the fist time it is anticipated that the contest will be held at the RUFC using the lower practice field, (nearest to A41).

It is with regret that I have to report the end of the "Shack of the month" column, this is due in part to the alarming number of burglaries involving local amateurs, the less publicity given to who ownes what, the better! . . . . .

## NEWS REVIEW.

VHF Contest. During the weekend of 2/3rd of July a hardcore of enthusiastic members took to the hills around Moel-y-gaer near Rhosesmor in Clwyd, to take part in the 1983 VHF NFD.<sup>55</sup>

As this has been documented else where in the newsletter it only remains for me to thank all who took part, and those who just came to look, also to anyone who loaned equipment to the Club for use in the contest. The operators were: Dave G4JMF, Alan G80JQ, Paul G3TZ0, Alan G4EZ0, Derek G6NKP, Dave G8ZRE, Dave GW4FGC, Martin G8UWM, Brian G6CIX, Chris G8ICT and Mike G6LIQ, appologies to any one that I have forgotten.

Also ta to Derek and Jean for the use of their Land Rover, <sup>BD</sup> sorry about the tyre Derek !

Club rig. The TS520 recently aquired by the club was pronounced sick at a recent field trial at the rugby club, there was a slight fault in both TX and RX . Both will have been professionally attended to by the time you read this, thanks to 3TPY and 3TZ0 for the donation of microphones for use with the rig.

Constructional Contest. At a recent committee meeting it was decided to hold two classes this year to give the kitchen table merchants a chance, the contest will be on Dec 13th this year so get weaving.

New Antenna. The weekend of 10/11th July saw the clubs HF and VHF antennas erected adjacent to the club room. This is another pointer to the way in which the move to the RUFC has enabled us to enjoy such facilities for the first time in many years.

Thanks to Peter (Tarzan) PYU for his efforts whilst 30' up a tree, and to all those others who donated time or materials to the project.

## PROGRAMME.

JULY	19th	The Club rig, guided tour of a TS520.
"	26th	Barbecue and natter night, weather permitting there will be an out doors charcoal barbecue provided, bring your own food, if you cant cook bring the XYL /YL to cook for you, all family welcome any-way.
August	*****	
		There are no meetings during August, except:
	30th	Pre HF SSB field day meeting.
September	6th	Committee Meeting
"	13th	Computing by G4MIH. Apple/BBC etc.
"	20th	Transmission Lines by G3KTJ.
"	27th	Surplus sale, with usual all star cast.
October	4th	Committee Meeting.
"	11th	Chairmans Night , details to follow.
"	18th	Crime Prevention for Radio Hams.
"	25th	NO MEETING.
	26th	Wednesday. Quiz return visit to Wirral Club further details to follow.
November	1st	Committee Meeting.
"	8th	Microwave and UHF technique by GW8AAP. (provisional booking only.)
"	15th	QSL System by G3TPY & JST100 TX/RX by G3PYU.
"	22nd	Microwave Links in Commercial Systems, G3TZ0.
"	29th	Simple HF aerials, by G3EWZ.
December	6th	Committee Meeting.
"	13th	Constructional Contest, details in this iss.
"	20th	Christmas Meeting, Sherry and mince pies.
January	3rd	AGM (Unless otherwise insructed.)

A Summer's  
Dxpediton to  
GM

GM3GIZ/IR

Once again, six intrepid Society members are heading for the far North of Scotland, for a radio holiday. Allbeit on this occasion not actually using G3GIZ due to the coinciding SSB field day, they will however be using their own calls as follows: Howell G3ATZ, Chris G3TPY, Paul G3TZO, Dave G4FGC, Dave G4JMF, also making the journey will be Roger Booth. All arriving at their QTH on the island of Orkney (NGR HJ288 322) on the afternoon of September 3rd, returning to Chester on September 11th.

They expect to be QRV on saturday evening provided that the two aerials are erected successfully upon arrival, and will be listening for G3GIZ in the SSB HF Contest.

A sked will be arranged before they leave, any member wishing to work the Orkney station should try 40m and 20m during the day. Skeds have been arranged with the following stations: VK3UJ AP2AD, ZS5YQ and 9H1GC, there should be no problems with signal reports as the station will be running 400 watts Output.

The station will consist of Yaesu HF bands equipment and two aerials, an inverted Vee and a Cush Craft A3 3el tribander, seen in photo being given a trial run at the RUFC some weeks

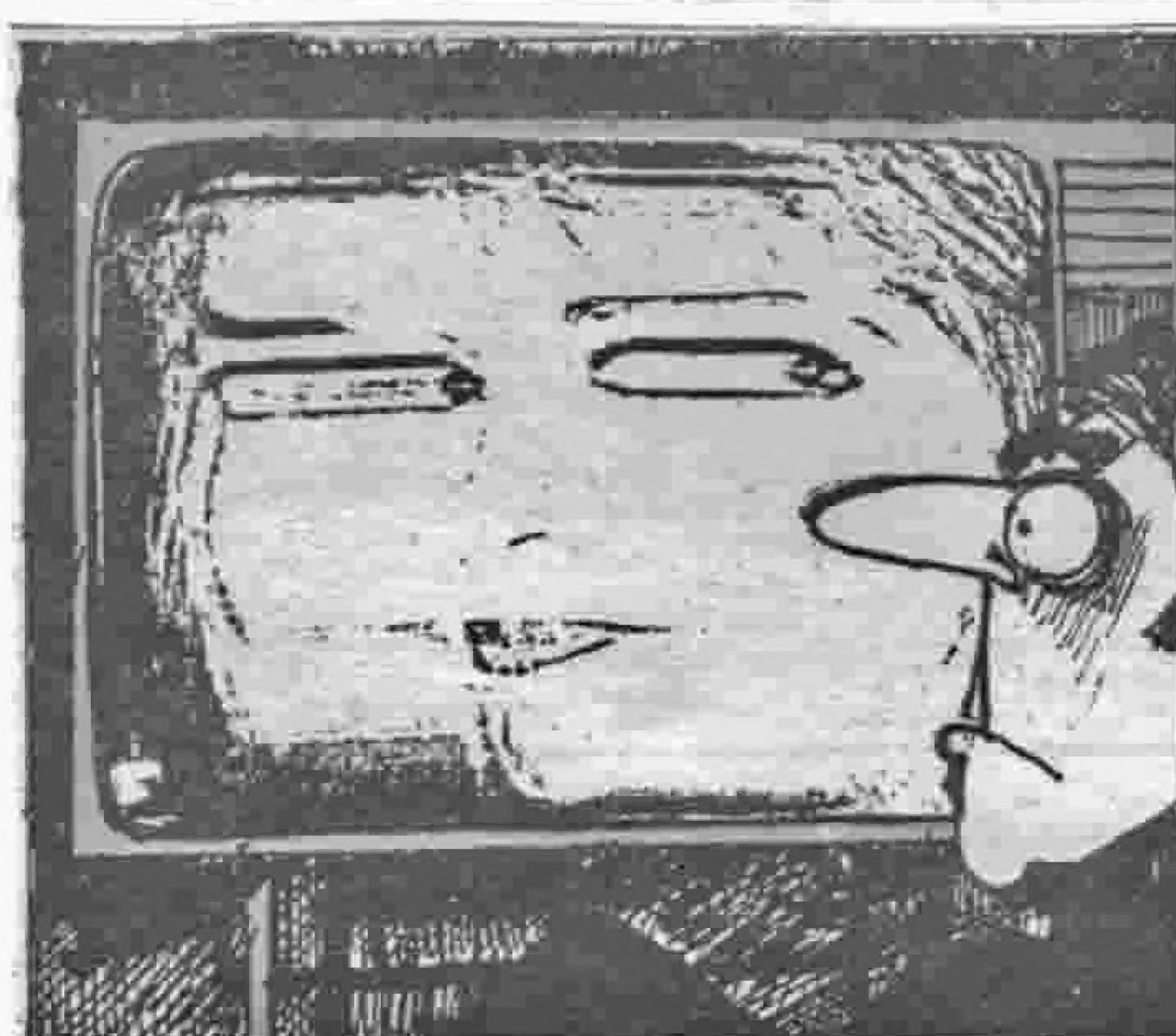


ago, All the WARC Bands will be worked at some time, using any of the members callsigns mentioned above. (160m included.)

Visits have been made to the Orkneys during a period extending over twenty years, and strong links (and drinks Hi !) have been forged between the Orkney amateurs and the Chester Radio Society

If any one would like a sked at a particular time, please ask a member of the party, I'm sure that every effort will be made to accomodate you.

73's Dave G4JMF.



When a TV receiver moans, makes a hollow, crackling gurgle on particular stations, and an horrisous clank or enharmonic skirl during the hours of darkness, accompanied by a saturated scribble or "corrugated snowstorm" effect on the picture, the problem may be due EITHER to an electrical fault OR to outside interference and can cause viewing discomfort.



Using an oscilloscope and pulse generator, check out the receiver in the usual way and examine the aerial connections behind the set and at the chimney. If problems persist, or are exaggerated by persons walking about, test house wiring and see that fuses or trips are fitting snugly, then systematically isolate potential sources of interference from appliances.



Ensure than no-one is arc-welding about the house, using a bed-warmer, juice-making attachment, lathe, aquarium aerator, or improperly-suppressed toasted sandwich-maker. Certain microwave spit-roasters may need to be shielded with lead. If still no luck, or if cardiac pace-makers "chatter", the source is probably a pirate CB "breaker" about which nothing can be done.

# VHF CONTEST

## What happens next year?

COMMENT by G8ICT

Photo: VHF NFD 1983 Rhosesmor.

The first weekend in July is for many clubs the highlight of the contest calendar, this being the RSGB VHF National Field Day (NFD). For many years the Chester club has been competing in this event, during the early years from sites like Meriton Low, also from other notable highspots in the area, in the latter years most if not all of the clubs VHF activity has been from our present site at Moel-y-gaer near Rhosesmor in North Wales. My personal involvement with the contest side of club affairs has only been over the most recent few years of contest activity, however, even over such a short period I have seen a decline in interest, which, if projected over the next few years will probably put an end to all VHF and probably HF contest activity for the foreseeable future.

It takes a lot of effort and many people to run a successful contest station, by being successful I do not mean to win, or even to come in the first fifty entries, but to have enough helpers to make a CLUB entry worthwhile, that is having someone to top up the generators, erect the tents, keep a supply of hot coffee, operate, log, and perhaps the most important job, keeping the check log.

Not just for a few hours but over night and for two stations, one on 2 meters another on 70cms, and most importantly for all those present to be enjoying the event. It would be a sad day, when, due to lack of general support, the contest enthusiasts within the club decide to go it alone and make an entry without the support of the majority of members, thus making it more difficult for members with families and younger members without transport to attend, as undoubtedly an effort of this nature would be from more distant and higher peaks. Are the days of CLUB outings almost over.

# RADIO DF HUNT,

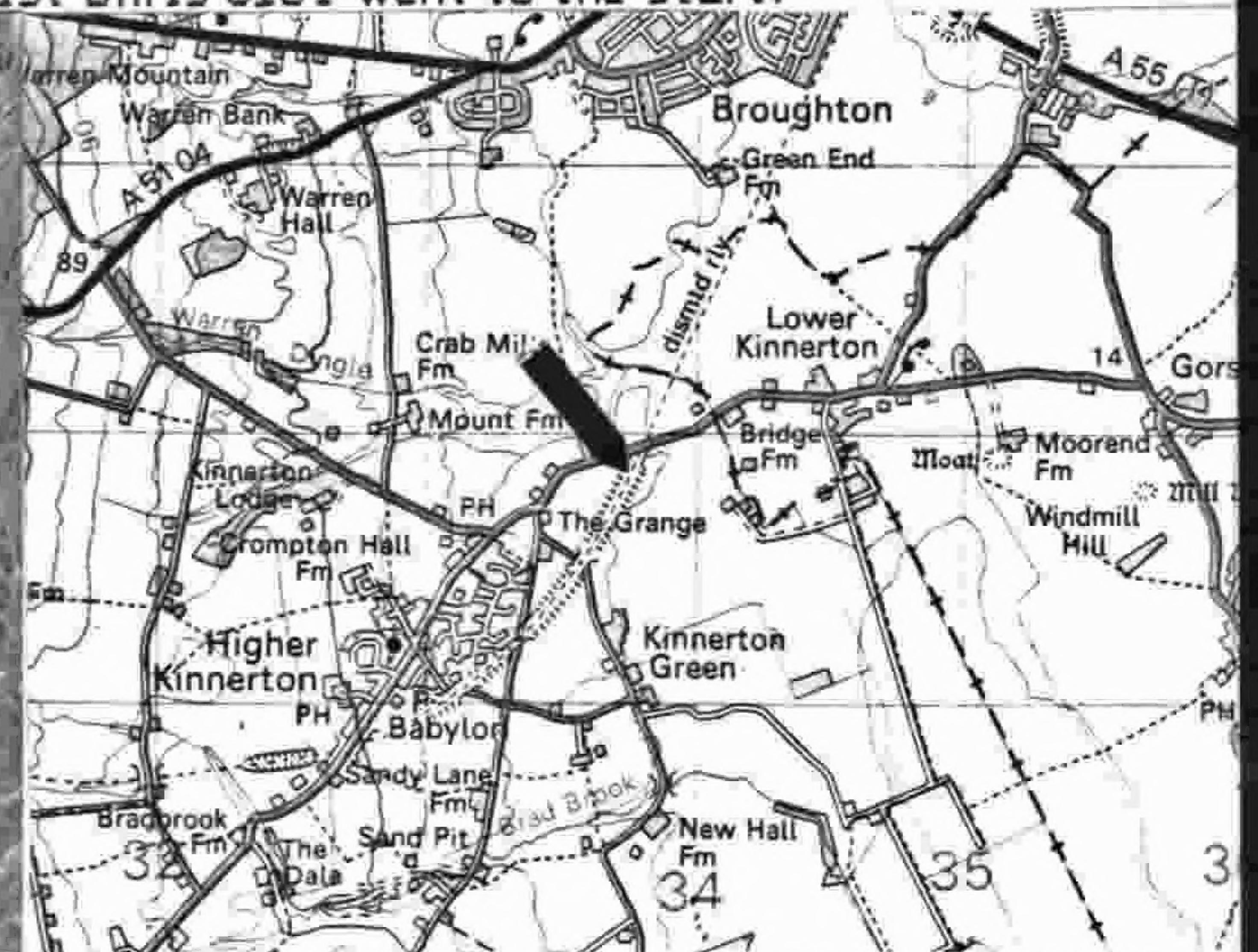
by G3TPY.

Hi. Two months before the event G8ICT and I sat in my shack took a look at a map for 10 minutes or so and decided roughly which direction and what obstacles we wanted to place in your way. We then went to the club house, set the trip meter (don't forget we said not more than 10 miles radius of the club house) and went directly to DODDINGTON(7 MILES) had a look at a good site but decided too much habitation, we then went round the lanes quite a bit but thought that they were perhaps too narrow for the use of DF and TREASURE Hunt cars along with an unsuspecting public; So we decided to go to the Lower Kinnerton area and found the eventual site on the disused railway bridge. NOW to find a PUB with F O O D, we went into the ROYAL OAK had a drink and a meal (good but slow), and so decided to look at some others in the area but they were not to our taste or yours (or so we thought).

At the next meeting we told you of the date, told 4EZO so he could do the Treasure Hunt side, and promptly forgot all about it and went back to sleep.

With three weeks to go 8ICT and I took the better halves for a meal and checked out the site (a new gate had been fitted: Doesn't matter I am going over the fence anyway!). We also obtained the OK from the pub owner and his girlfriend the cook?

On the evening of the EVENT Chris picked up Neal 8UEK then me, took us to the site. Dropped off FT 225rd, one 5/8 vert, cables, am FT208, camouflage jacket and two LARGE lorry accs Neal and I humped these to the hidy hole whilst Chris 8ICT went to the start.



Just before the off some members decided to use S11 as a chat channel asked to move of course they did little did they know they were having a free transmission.

1930.31 OFF WE GO 25 watts

1940.41 25 watts is this too much power?

2000.01 10 watts is anyone going to find me?

2008 4MIH/6IXM plus the lovely julie as the driver, arrive across the road from me, out with their gear.

2005 i see a red car like ZRE's go towards the pub no its just a cb'r, this happens quite a few times with different cars from now on.

2010.11 10 watts they are 30 yds away from me no null in bearing so they take out the aerial!! "Heck(?) he must be close" said Graham. They look at the wrong gate but don't go over it, they cross the road and get across the piece of fence that I crossed and run (yes, 4MIH can run Julie) up the lane / railway track to find me at 2016. THEY GO TO THE PUB.

2043 6IRW Kevin and tribe arrive at the same location as 4MIH did 2047 he goes to the new locked gate on my side of the road and climbs over comes under the bridge I am on but looks up and spots me on the bridge side, OFF HE GOES TO THE PUB.

2053 6LBC Tony and friend Ian(?) find me. Tony doesn't need the dog, he tracks just as well using his own delicate nose. OFF THEY GO TO THE PUB.

They were the only ones to find me this time.

To enlighten the proceedings for me I was visited by two nice looking well spoken birds (not feathered) who stayed and chatted for a long while asking silly questions like what was I doing hiding in the bushes? etc, etc. They showed a proper respect when told it was not CB. As they were leaving they were invited to the pub so that Neal could buy them a pint but they must have seen him and were not (ah well) at the pub when I got there.

The next visitor was a man walking his dog. He thought I was a spy or cracked or some such like but at least he didn't tell 6LBC who was only 20yds away looking for me. 2100+, now comes the time to gather in the lost sheep.

The winners scarfs were presented to 4MIH & Julie also 6IXM for the DF event and 8AWS Arther the prize for the winner in the Treasure hunt.



Thank you for compeating

Next one on the 7th August is cancelled not enough support. So will try to put one on end of September or early October.

73's G3TPY

#### ITEMS FOR SALE.

19 ele Cushcraft Boomer, 15dB Gain, Never been used, Mint cond, price £50.00 G4MIH Phone Chester 671212 during working hours

TRIO Tr2200 G, 2mtrs FM. 2 watts, 12 ch, Xtalled on 9 chs, comp with NiCads, £60.00 Phone G6LIQ Chester 336785.

6 ele quad for 2mtrs £25.00 G6LIQ Chester 336785.

#### ITEMS WANTED.

70cms Base aerial, Colinear or Beam, G6CIX Chester 49842.

Handbook for Air Ministry Rx ~~T~~ type RA-1B (.150-15Mhz) also any infomation on power supplies for RA1B, G6CIX Chester 49842.

PYE Pocketfone 70 series, (PF2/5) Tx/Rx strips, Mic's, NiCads etc, any spares, G8UEK, 051 356 3815 or call on CR.

Technical Manual for AD2006 Digital voltmeter, circuits and external connexions, G4MOU Chester 22039.

Proffesional Guillotine, must cut 14 to 18" wide, G4MOU 22039.

Chain Lifting Block to lift 1-2 tons, must be in good order, G8ICT, 051 355 1070.

TMP Electronics. Howarth would like to thank all the customers of TMP Electronics for their patience over the past few weeks and would like to convey his appologies to all those waiting for goods of any sort, it is hoped to have the shop open again as soon as possible, though at the time of writing Howarth was completely in plaster due to a slipped disc (rumoured to have happened whilst carrying an FT one!) The shop is currently open on tues and thurs from 10:00 until 11:30 and on sat 10 till 4.

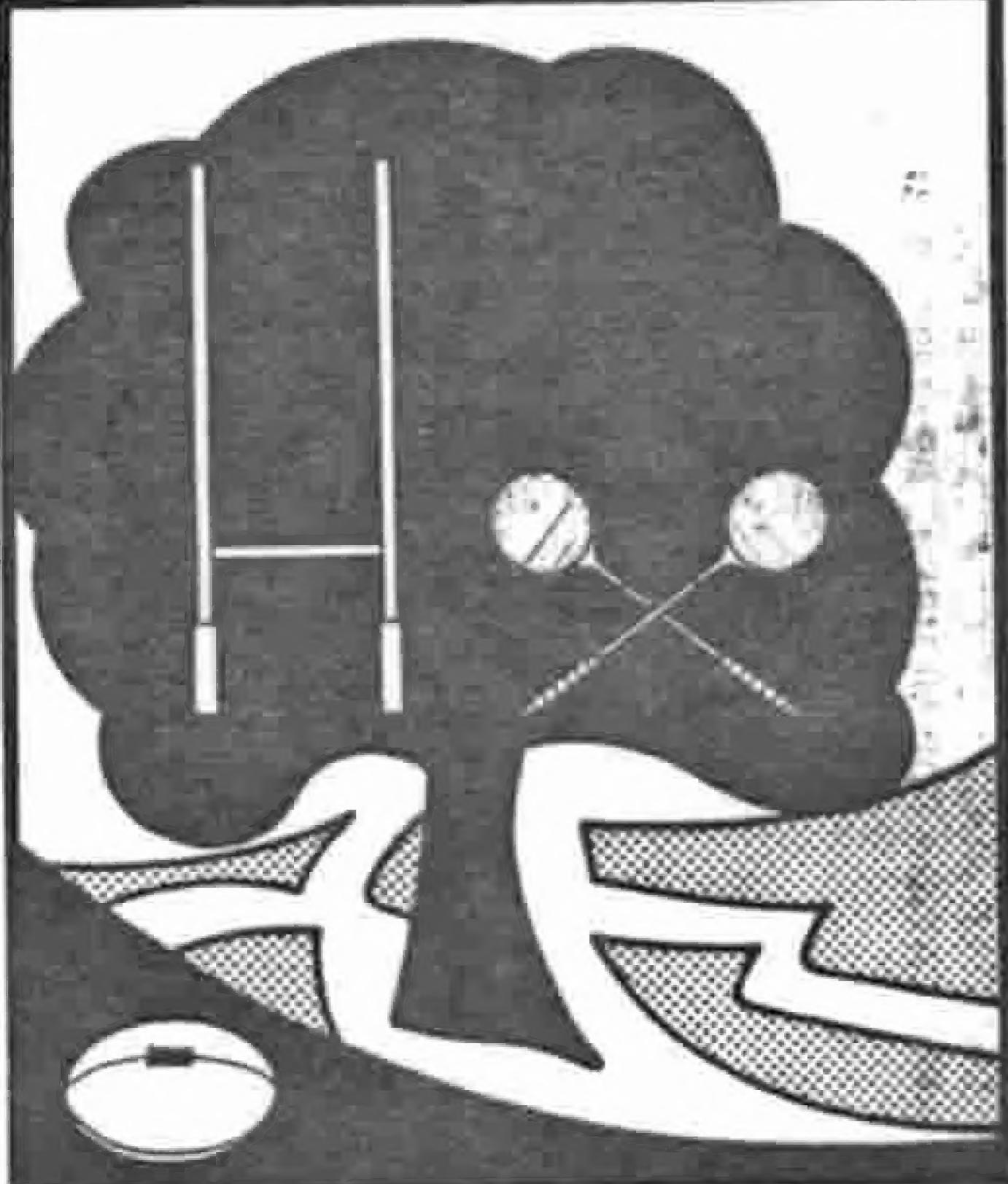
#### TAIL PIECE.

Many thanks to those who have contributed to this issue of the Newsletter my thanks go in particular to Chris G8ICT who is entirely responsible for the styling and production, and also for tying up this drivvle, that's all for this one, hoping you all have happy holidays, and see you after the break.

73's Paul G3TZO.



## CHESTER R.U.F.C.



REMINDER.  
Rugby Club Subs'  
are due soon....

Club Chairman G4EZ0  
Demonstrating a new  
type of indelible  
marker for security  
tagging of valuable  
items, (courtesy of  
Cheshire Constabu-  
lary).

## SMC-TMP ELECTRONICS



Complete YAESU range in stock.  
also Hi-Gain, CDE, Kenpro, SMC.  
Masts, aerial fittings, etc.

### Used equipment in stock:

Fortop TV TX	£50
LINER 2 2mtr ssb	£75
SRX30 as new	£120
SEM 2mtr Linear amp	£120
7700 with memory	£325
R 1000 Rx	£230
R 517 air band Rx	£30

SMC/TMP Electronics, Unit 27  
Pinfold Workshops, Pinfold La.  
Buckley. Clywd. (Buckley 549563)

Solution to crossword No. 2. (issue 4)

'S L	<sup>2</sup> O W	<sup>3</sup> S C	<sup>4</sup> A N	<sup>5</sup> E T E	<sup>6</sup> L E	<sup>7</sup> V I	<sup>8</sup> S I O N	<sup>9</sup> N
P	O	B	O	O	A	P		E
E	O	S	<sup>10</sup> N	I G H T	"A S	T		
<sup>12</sup> B U R	R S T	<sup>13</sup> O N E			C	H		
A	R				R			
<sup>17</sup> E N T	R Y	P	<sup>14</sup> S E T	<sup>15</sup> G E O				
O		<sup>16</sup> S T A T I O N A R Y						
<sup>22</sup> M A R	<sup>23</sup> K	I	I	R	A			A
O	U	<sup>24</sup> O	M	<sup>25</sup> B A N D	<sup>26</sup> T E	N		
<sup>27</sup> B L O	W	N	E	I	I	D		
I		<sup>28</sup> A M P	<sup>29</sup> B	T	<sup>30</sup> R O	<sup>31</sup> G O	T	S
L	I		S		R	F		
E		<sup>32</sup> T R A N S I S T O R				F		